

**Name of the project**

**Intranet Chatting**

**Objective**

The Project 'INTRANET CHATTING' is used basically for chatting purpose with the remote clients or users on Internet or local networks. Here in this project a java client / server combination is used to chat with remote users. When a Client wants to chat with a user on a remote host, he sends a request to the Server with a identification name like chat-id, the server responds to the request by identifying the client-id which is already registered in the server domain and when matched his request is granted and the client can begin to chat with the remote users present on the internet or local network.

The power of Internet is such that it integrates together LANs located across diverse software and hardware forms into a single large communication network that spans the globe. The client needs to have a client software such as Netscape Navigator or Internet Explorer to retrieve information as well as chat on the www. WWW is referred to as Netsurfing. And it supports chatting, text, video and audio.

**User of the System**

**A. Administrator**

**B. Client**

**Functional Requirements**

**i. This application should be user-friendly.**

ii. Sharing of data in a real time environment should be possible. i.e., the data broadcasted can be edited online and viewed simultaneously.

ii. It should provide fast, secure, reliable and cost effective broadcasting communication medium between community members.

iii. It should support for public and private channels of communication.

iv. Multiple media transmission support should be there; like voice, text, images, etc.

**Non-Functional Requirements**

i. Secures access of confidential data (user's details).  
SSL can be used.

ii. 24 X 7 availability

Start working on a test-plan for the entire system.

This test-plan can be updated as and when new Scenarios come to mind.

**Team size (Maximum)**

3

**Technologies to be Used**

UML, JSE,

**Tools to be Used**

i. Rose/RSA/Web Logic Modeler

ii. Eclipse/Netbeans

iii. Oracle/MySQL/Microsoft SQL/PostgreSQL

iv Windows Xp will be the preferred OS.

**Final Deliverable must Include**

i. Online or offline help to above said users,

Application deployment executive and developer

ii. Application archive (.jar)

iii. Database backup and DDL Script

iv. Complete Source code.

